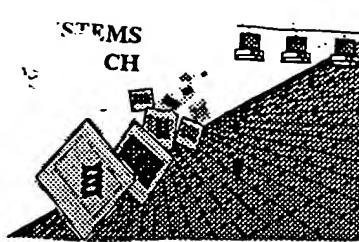


PCT09



CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF): #7

Application Serial Number: 091674,743
Filing Date: 11/21/2000
Date Processed by STIC: 8/2/02

STIC Contact: Mark Spencer, 703-308-4212

Nature of Problem:

The CRF (was):

(circle one) Damaged or Unreadable (for Unreadable, see attached)
 Blank (no files on CRF) (see attached)
 Empty file (filename present, but no bytes in file) (see attached)
 Virus-infected. Virus name: _____ The STIC will not process the CRF.
 Not saved in ASCII text
 Sequence Listing was embedded in the file. According to Sequence Rules,
submitted file should only be the Sequence Listing.
 Did not contain a Sequence Listing. (see attached sample)
 Other:

**PLEASE USE THE CHECKER VERSION 3.1 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service , or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

#9



PCT/09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002

TIME: 14:30:21

Input Set : A:\pf0509usn_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 HILLMAN, Jennifer L.
 6 BANDMAN, Olga
 7 LAL, Preeti
 8 YUE, Henry
 9 REDDY, Roopa
 10 TANG, Y. Tom
 11 GERSTIN, Edward H.
 12 PATTERSON, Chandra
 13 BAUGHN, Mariah R.
 14 AZIMZAI, Yalda
 15 LU, Dyung Aina M.

17 <120> TITLE OF INVENTION: HUMAN TRANSCRIPTIONAL REGULATOR MOLECULES
 19 <130> FILE REFERENCE: PF-0509 PCT

C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/674,743A
 C--> 22 <141> CURRENT FILING DATE: 2002-08-26
 24 <150> PRIOR APPLICATION NUMBER: 60/084,254; 60/095,827; 60/102,745
 W--> 25 <151> PRIOR FILING DATE: 1998-05-05; 1998-08-07; 1998-10-02
 27 <160> NUMBER OF SEQ ID NOS: 130
 29 <170> SOFTWARE: PERL Program
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 155
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Homo sapiens
 36 <220> FEATURE:
 37 <221> NAME/KEY: misc_feature
 38 <223> OTHER INFORMATION: Incyte clone 001106CD1
 40 <400> SEQUENCE: 1

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42	1				5				10					15	
43	Ser	Cys	Phe	Leu	Arg	Leu	Gly	Arg	Ser	Thr	Leu	Leu	Glu	Leu	Glu
44					20				25					30	
45	Pro	Ala	Gly	Arg	Pro	Cys	Ser	Gly	Arg	Thr	Arg	His	Arg	Ala	Leu
46					35				40					45	
47	His	Arg	Arg	Leu	Val	Ala	Cys	Val	Thr	Val	Ser	Ser	Arg	Arg	His
48					50				55					60	
49	Arg	Lys	Glu	Ala	Gly	Arg	Gly	Arg	Ala	Glu	Ser	Phe	Ile	Ala	Val
50					65				70					75	
51	Gly	Met	Ala	Ala	Pro	Ser	Met	Lys	Glu	Arg	Gln	Val	Cys	Trp	Gly
52					80				85					90	
53	Ala	Arg	Asp	Glu	Tyr	Trp	Lys	Cys	Leu	Asp	Glu	Asn	Leu	Glu	Asp
54					95				100					105	
55	Ala	Ser	Gln	Cys	Lys	Lys	Leu	Arg	Ser	Ser	Phe	Glu	Ser	Ser	Cys

ENTERED

pp6-7

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002

TIME: 14:30:21

Input Set : A:\pf0509usn_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

56	110	115	120
57	Pro Gln Gln Trp Ile Lys Tyr Phe Asp	Lys Arg Arg Asp Tyr	Leu
58	125	130	135
59	Lys Phe Lys Glu Lys Phe Glu Ala Gly	Gln Phe Glu Pro Ser	Glu
60	140	145	150
61	Thr Thr Ala Lys Ser		
62	155		
65	<210> SEQ ID NO: 2		
66	<211> LENGTH: 152		
67	<212> TYPE: PRT		
68	<213> ORGANISM: Homo sapiens		
70	<220> FEATURE:		
71	<221> NAME/KEY: misc_feature		
72	<223> OTHER INFORMATION: Incyte clone 004586CD1		
74	<400> SEQUENCE: 2		
75	Met Leu Ser Thr Leu Ser Gln Cys Glu Phe Ser Met Gly Lys Thr		
76	1 5 10 15		
77	Leu Leu Val Tyr Asp Met Asn Leu Arg Glu Met Glu Asn Tyr Glu		
78	20 25 30		
79	Lys Ile Tyr Lys Glu Ile Glu Cys Ser Ile Ala Gly Ala His Glu		
80	35 40 45		
81	Lys Ile Ala Glu Cys Lys Lys Gln Ile Leu Gln Ala Lys Arg Ile		
82	50 55 60		
83	Arg Lys Asn Arg Gln Glu Tyr Asp Ala Leu Ala Lys Val Ile Gln		
84	65 70 75		
85	His His Pro Asp Arg His Glu Thr Leu Lys Glu Leu Glu Ala Leu		
86	80 85 90		
87	Gly Lys Glu Leu Glu His Leu Ser His Ile Lys Glu Ser Val Glu		
88	95 100 105		
89	Asp Lys Leu Glu Leu Arg Arg Lys Gln Phe His Val Leu Leu Ser		
90	110 115 120		
91	Thr Ile His Glu Leu Gln Gln Thr Leu Glu Asn Asp Glu Lys Leu		
92	125 130 135		
93	Ser Glu Val Glu Glu Ala Gln Glu Ala Ser Met Glu Thr Asp Pro		
94	140 145 150		
95	Lys Pro		
100	<210> SEQ ID NO: 3		
101	<211> LENGTH: 304		
102	<212> TYPE: PRT		
103	<213> ORGANISM: Homo sapiens		
105	<220> FEATURE:		
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107	<223> OTHER INFORMATION: Incyte clone 052927CD1		
109	<400> SEQUENCE: 3		
110	Met Ala Glu Ala Ser Ala Ala Gly Ala Asp Ser Gly Ala Ala Val		
111	1 5 10 15		
112	Ala Ala His Arg Phe Phe Cys His Phe Cys Lys Gly Glu Val Ser		
113	20 25 30		
114	Pro Lys Leu Pro Glu Tyr Ile Cys Pro Arg Cys Glu Ser Gly Phe		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002
TIME: 14:30:21

Input Set : A:\pf0509usn_seqlist.txt
Output Set: N:\CRF3\08262002\I674743A.raw

115	35	40	45
116	Ile Glu Glu Val Thr Asp Asp Ser Ser Phe Leu Gly Gly Gly		
117	50	55	60
118	Ser Arg Ile Asp Asn Thr Thr Thr His Phe Ala Glu Leu Trp		
119	65	70	75
120	Gly His Leu Asp His Thr Met Phe Phe Gln Asp Phe Arg Pro Phe		
121	80	85	90
122	Leu Ser Ser Ser Pro Leu Asp Gln Asp Asn Arg Ala Asn Glu Arg		
123	95	100	105
124	Gly His Gln Thr His Thr Asp Phe Trp Gly Ala Arg Pro Pro Arg		
125	110	115	120
126	Leu Pro Leu Gly Arg Arg Tyr Arg Ser Arg Gly Ser Ser Arg Pro		
127	125	130	135
128	Asp Arg Ser Pro Ala Ile Glu Gly Ile Leu Gln His Ile Phe Ala		
129	140	145	150
130	Gly Phe Phe Ala Asn Ser Ala Ile Pro Gly Ser Pro His Pro Phe		
131	155	160	165
132	Ser Trp Ser Gly Met Leu His Ser Asn Pro Gly Asp Tyr Ala Trp		
133	170	175	180
134	Gly Gln Thr Gly Leu Asp Ala Ile Val Thr Gln Leu Leu Gly Gln		
135	185	190	195
136	Leu Glu Asn Thr Gly Pro Pro Pro Ala Asp Lys Glu Lys Ile Thr		
137	200	205	210
138	Ser Leu Pro Thr Val Thr Val Thr Gln Glu Gln Val Asp Met Gly		
139	215	220	225
140	Leu Glu Cys Pro Val Cys Lys Glu Asp Tyr Thr Val Glu Glu Glu		
141	230	235	240
142	Val Arg Gln Leu Pro Cys Asn His Phe Phe His Ser Ser Cys Ile		
143	245	250	255
144	Val Pro Trp Leu Glu Leu His Asp Thr Cys Pro Val Cys Arg Lys		
145	260	265	270
146	Ser Leu Asn Gly Glu Asp Ser Thr Arg Gln Ser Gln Ser Thr Glu		
147	275	280	285
148	Ala Ser Ala Ser Asn Arg Phe Ser Asn Asp Ser Gln Leu His Asp		
149	290	295	300
150	Arg Trp Thr Phe		
155	<210> SEQ ID NO: 4		
156	<211> LENGTH: 178		
157	<212> TYPE: PRT		
158	<213> ORGANISM: Homo sapiens		
160	<220> FEATURE:		
161	<221> NAME/KEY: misc_feature		
162	<223> OTHER INFORMATION: Incyte clone 082843CD1		
164	<400> SEQUENCE: 4		
165	Met Pro Lys Ala Lys Gly Lys Thr Arg Arg Gln Lys Phe Gly Tyr		
166	1 5 10 15		
167	Ser Val Asn Arg Lys Arg Leu Asn Arg Asn Ala Arg Arg Lys Ala		
168	20 25 30		
169	Ala Pro Arg Ile Glu Cys Ser His Ile Arg His Ala Trp Asp His		

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002

TIME: 14:30:21

Input Set : A:\pf0509usn_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

170	35	40	45
171	Ala Lys Ser Val Arg Gln Asn Leu Ala Glu Met Gly Leu Ala Val		
172	50	55	60
173	Asp Pro Asn Arg Ala Val Pro Leu Arg Lys Arg Lys Val Lys Ala		
174	65	70	75
175	Met Glu Val Asp Ile Glu Glu Arg Pro Lys Glu Leu Val Arg Lys		
176	80	85	90
177	Pro Tyr Val Leu Asn Asp Leu Glu Ala Glu Ala Ser Leu Pro Glu		
178	95	100	105
179	Lys Lys Gly Asn Thr Leu Ser Arg Asp Leu Ile Asp Tyr Val Arg		
180	110	115	120
181	Tyr Met Val Glu Asn His Gly Glu Asp Tyr Lys Ala Met Ala Arg		
182	125	130	135
183	Asp Glu Lys Asn Tyr Tyr Gln Asp Thr Pro Lys Gln Ile Arg Ser		
184	140	145	150
185	Lys Ile Asn Val Tyr Lys Arg Phe Tyr Pro Ala Glu Trp Gln Asp		
186	155	160	165
187	Phe Leu Asp Ser Leu Gln Lys Arg Lys Met Glu Val Glu		
188	170	175	

191 <210> SEQ ID NO: 5

192 <211> LENGTH: 301

193 <212> TYPE: PRT

194 <213> ORGANISM: Homo sapiens

196 <220> FEATURE:

197 <221> NAME/KEY: misc_feature

198 <223> OTHER INFORMATION: Incyte clone 322349CD1

200 <400> SEQUENCE: 5

201	Met Ala Arg His Gly Leu Pro Leu Leu Pro Leu Leu Ser Leu Leu			
202	1	5	10	15
203	Val Gly Ala Trp Leu Lys Leu Gly Asn Gly Gln Ala Thr Ser Met			
204	20	25	30	
205	Val Gln Leu Gln Gly Gly Arg Phe Leu Met Gly Thr Asn Ser Pro			
206	35	40	45	
207	Asp Ser Arg Asp Gly Glu Gly Pro Val Arg Glu Ala Thr Val Lys			
208	50	55	60	
209	Pro Phe Ala Ile Asp Ile Phe Pro Val Thr Asn Lys Asp Phe Arg			
210	65	70	75	
211	Asp Phe Val Arg Glu Lys Lys Tyr Arg Thr Glu Ala Glu Met Phe			
212	80	85	90	
213	Gly Trp Ser Phe Val Phe Glu Asp Phe Val Ser Asp Glu Leu Arg			
214	95	100	105	
215	Asn Lys Ala Thr Gln Pro Met Lys Ser Val Leu Trp Trp Leu Pro			
216	110	115	120	
217	Val Glu Lys Ala Phe Trp Arg Gln Pro Ala Gly Pro Gly Ser Gly			
218	125	130	135	
219	Ile Arg Glu Arg Leu Glu His Pro Val Leu His Val Ser Trp Asn			
220	140	145	150	
221	Asp Ala Arg Ala Tyr Cys Ala Trp Arg Gly Lys Arg Leu Pro Thr			
222	155	160	165	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002

TIME: 14:30:21

Input Set : A:\pf0509usn_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

223 Glu Glu Glu Trp Glu Phe Ala Ala Arg Gly Gly Leu Lys Gly Gln
224 170 175 180
225 Val Tyr Pro Trp Gly Asn Trp Phe Gln Pro Asn Arg Thr Asn Leu
226 185 190 195
227 Trp Gln Gly Lys Phe Pro Lys Gly Asp Lys Ala Glu Asp Gly Phe
228 200 205 210
229 His Gly Val Ser Pro Val Asn Ala Phe Pro Ala Gln Asn Asn Tyr
230 215 220 225
231 Gly Leu Tyr Asp Leu Leu Gly Asn Val Trp Glu Trp Thr Ala Ser
232 230 235 240
233 Pro Tyr Gln Ala Ala Glu Gln Asp Met Arg Val Leu Arg Gly Ala
234 245 250 255
235 Ser Trp Ile Asp Thr Ala Asp Gly Ser Ala Asn His Arg Ala Arg
236 260 265 270
237 Val Thr Thr Arg Met Gly Asn Thr Pro Asp Ser Ala Ser Asp Asn
238 275 280 285
239 Leu Gly Phe Arg Cys Ala Ala Asp Ala Gly Arg Pro Pro Gly Glu
240 290 295 300
241 Leu
246 <210> SEQ ID NO: 6
247 <211> LENGTH: 250
248 <212> TYPE: PRT
249 <213> ORGANISM: Homo sapiens
251 <220> FEATURE:
252 <221> NAME/KEY: misc_feature
253 <223> OTHER INFORMATION: Incyte clone 397663CD1
255 <400> SEQUENCE: 6
256 Met Glu Val Arg Asn His Gln Gln Gln Lys Leu Arg Pro Arg Asp
257 1 5 10 15
258 Trp Pro Gln Lys Pro Gln Cys His Gly Ser Gly Val Ile His Gly
259 20 25 30
260 Asn Ser Pro Leu Cys Pro Asn Trp Gln Val Phe Pro Leu Val Arg
261 35 40 45
262 Pro His Arg Gln Ser Arg Gln Leu Gln Val Pro Glu Pro Ile Gln
263 50 55 60
264 Ala Gly Gly Pro Ser Cys Gly His His Ser Pro Trp Arg Leu Phe
265 65 70 75
266 Leu Pro Gln Arg Lys Ser Gln Val Ser Arg Gly Gly Arg Leu Ala
267 80 85 90
268 Cys Leu Leu Ser Tyr Ala Gly Leu Ser Gly Asp Asp Pro Asp Leu
269 95 100 105
270 Gly Pro Ala His Val Val Thr Val Ile Ala Arg Gln Arg Gly Asp
271 110 115 120
272 Gln Leu Val Pro Phe Ser Thr Lys Ser Gly Asp Thr Leu Leu Leu
273 125 130 135
274 Leu His His Gly Asp Phe Ser Ala Glu Glu Val Phe His Arg Glu
275 140 145 150
276 Leu Arg Ser Asn Ser Met Lys Thr Trp Gly Leu Arg Ala Ala Gly
277 155 160 165

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002
TIME: 14:30:23

Input Set : A:\pf0509usn_seqlist.txt
Output Set: N:\CRF3\08262002\I674743A.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:23; Xaa Pos. 335
Seq#:38; Xaa Pos. 12,57
Seq#:67; N Pos. 1022,1023,1024,1028,1034,1036,1038,1039,1041,1049,1052,1053
Seq#:67; N Pos. 1055,1062,1064,1072,1075,1083,1086,1087,1093,1100,1101
Seq#:68; N Pos. 1460,1461,1462,1463,1464,1475,1502,1510,1535,1550,1554,1562
Seq#:68; N Pos. 1577,1594,1595,1599,1601,1602,1605,1611,1622,1627
Seq#:73; N Pos. 12,15,17,1675,1687,1702,1709,1712,1715,1717,1722,1732,1733
Seq#:73; N Pos. 1737,1747,1752,1753,1754,1757,1759,1764,1769,1787
Seq#:77; N Pos. 1106,1112,1137,1164,1165,1168,1171,1173,1181,1187,1190,1191
Seq#:77; N Pos. 1194,1201,1202,1215,1248,1249,1258,1259,1297,1298,1309,1310
Seq#:77; N Pos. 1311
Seq#:78; N Pos. 1057
Seq#:81; N Pos. 1280,1283,1284,1285,1288,1289,1290,1291,1294,1295,1298,1299
Seq#:81; N Pos. 1300,1306,1310,1312,1313,1314,1317,1319,1320,1322
Seq#:82; N Pos. 1346,1347,1351,1356,1362,1368,1374,1381,1382,1394,1395,1399
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Seq#:82; N Pos. 1468,1477,1478,1480,1481,1485,1488,1489,1496,1497,1498,1499
Seq#:82; N Pos. 1500,1501,1504,1505,1524,1528,1530,1533,1537,1538,1539,1545
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Seq#:84; N Pos. 3687,3688,3689,3690,3691,3692,3693,3694,3695,3696,3697,3698
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Seq#:84; N Pos. 3771,3772,3773,3774,3775,3776,3777,3778,3779,3780,3781,3782
Seq#:84; N Pos. 3783,3784,3785,3786,3787,3788,3789,3790,3878,3885,3886,3889
Seq#:84; N Pos. 3899,3906,3908,3952
Seq#:88; N Pos. 1429
Seq#:98; N Pos. 2340
Seq#:99; N Pos. 4,6,20,65,114,127,140,149,162,188,204,216,221,232,274,282

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002
TIME: 14:30:23

Input Set : A:\pf0509usn_seqlist.txt
Output Set: N:\CRF3\08262002\I674743A.raw

Seq#:99; N Pos. 285,291,292,309
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Seq#:110; N Pos. 1925,2088,2092,2114,2115,2116,2117
Seq#:113; N Pos. 531
Seq#:123; N Pos. 10,18,20,29,37,44,56,59,64,69,74,77,79,87,93,97,110,111
Seq#:123; N Pos. 112
Seq#:128; N Pos. 65,69,72,87,1365

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002
TIME: 14:30:23

Input Set : A:\pf0509usn_seqlist.txt
Output Set: N:\CRF3\08262002\I674743A.raw

L:21 M:270 C: Current Application Number differs, Replaced Current Application Number
L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:106 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:300 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:364 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:431 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:495 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:802 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:1053 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
L:1137 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:1271 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:23
L:1271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:330
L:1334 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25
L:1669 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:29
L:2045 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36
L:2093 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37
L:2125 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38
L:2129 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38
L:2129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:2135 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38
L:2135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:45
L:2532 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44
L:2608 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46
L:2694 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:3196 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:57
L:3618 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:64
L:3759 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67
L:3759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:1020
L:3760 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67
L:3760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:1080
L:3797 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68
L:3797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1440
L:3798 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68
L:3798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1500
L:3799 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68
L:3799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1560
L:3800 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68
L:3800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1620
L:4032 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73
L:4032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
L:4059 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73
L:4059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1620
L:4060 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73
L:4060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1680
L:4061 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73
L:4061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1740
L:4071 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:74

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Input Set : A:\pf0509usn_seqlist.txt
Output Set: N:\CRF3\08262002\I674743A.raw

L:4212 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77
L:4212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1080
L:4213 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1140
L:4214 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77
L:4214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1200
L:4215 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77
L:4215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1260
L:4246 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:78
L:4246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:1020
L:4256 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:79
L:4357 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:81
L:4357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:1260
L:4358 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:81
L:4358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:1320
L:4367 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:82
L:4393 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82
L:4393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1320
L:4394 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82
L:4394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1380
L:4395 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82
L:4395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1440
L:4396 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82
L:4396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1500
L:4397 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82
L:4397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1560
L:4406 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:83
L:4463 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:84
L:4504 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:2220
L:4505 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:2280
L:4527 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3600
L:4528 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3660
L:4529 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3720
L:4530 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3780
L:4531 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3840
L:4532 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:4532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3900
L:4620 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:87
L:4699 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:88
L:4699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:1380
L:4811 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:91
L:4882 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:92

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Input Set : A:\pf0509usn_seqlist.txt
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L:5006 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:95
L:5079 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:97
L:5146 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:98
L:5188 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:98
L:5188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:2280
L:5202 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99
L:5202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:5203 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99
L:5203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:60
L:5204 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99
L:5204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:120
L:5205 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99
L:5205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:180
L:5206 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99
L:5206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:240
L:5207 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99
L:5207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:300
L:5368 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:103
L:5368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0
L:5369 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:103
L:5369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:60
L:5372 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:103
L:5372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:240
L:5476 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:105
L:5584 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:108
L:5657 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:109
L:5717 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:110
L:5717 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:1920
L:5719 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:110
L:5719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:2040
L:5720 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:110
L:5720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:2100
L:5818 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:113
L:5830 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:113
L:5830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:480
L:6090 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:120
L:6140 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:121
L:6223 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:123
L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0
L:6224 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:123
L:6224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:60
L:6348 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:126
L:6405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:127